

APR 14 2003

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Form PTO-1449 (MODIFIED)	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. DOCKET NO. 073406-0402	SERIAL NO. 09/407,804
INFORMATION DISCLOSURE CITATION (Use several sheets if necessary)		APPLICANT Jerry Pelletier, et al.	
		FILING DATE 09/28/1999	GROUP ART UNIT 1653

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE IF APPROPRIATE
<i>MP</i>	A1	3,691,016	09/12/1972	Patel	435	181	
<i>MP</i>	A2	3,969,287	07/13/76	Jaworek et al.	240	8	
<i>MP</i>	A3	4,195,128	03/25/1980	Hildebrand et al.	435	178	
<i>MP</i>	A4	4,229,537	10/21/1980	Hodgins et al.	435	178	
<i>MP</i>	A5	4,247,642	01/27/1981	Hirohara	435	178	
<i>MP</i>	A6	4,330,440	05/18/1982	Ayers et al.	525	27.31	

FOREIGN PATENT DOCUMENTS

	REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION	
							YES	NO
<i>MP</i>	A7	EP 0 072 925 A2	03/02/1983	Europe	—	—		
<i>MP</i>	A8	EP 0 748 871 A1	12/18/1996	Europe	—	—		
<i>MP</i>	A9	EP 0 786 519 A2	07/30/1997	Europe	—	—		
<i>MP</i>	A10	WO 89/00199	01/12/1989	WIPO	—	—		
<i>MP</i>	A11	WO 95/27043	10/12/1995	WIPO	—	—		

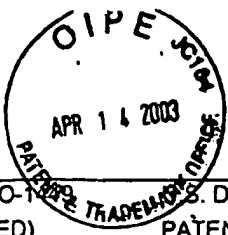
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

<i>MP</i>	A12	Adelman et al., "In Vitro Deletional Mutagenesis For Bacterial Production Of The 20,000-Dalton Form Of Human Pituitary Growth Hormone", DNA, 2(3):183-93, 1983						
<i>MP</i>	A13	Altschul et al., "Gapped BLAST and PSI-BLAST: a new generation of protein database search programs", Nucleic Acids Research, 1997, Vol. 25, No. 17, pp. 3389-3402						
<i>MP</i>	A14	Cohen, "Epidemiology of Drug Resistance: Implications for a Post-Antimicrobial Era", ML Science, Vol. 257, 08/21/1992, pp. 1050-1055						
<i>MP</i>	A15	Diaz et al., "Construction of a broad-host-range pneumococcal promoter-probe plasmid", Gene, 90:163-167, 1990						

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				FILING DATE 09/28/1999	
GROUP ART UNIT 1653					
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)					
	A16	Durfee et al., "The retinoblastoma protein associates with the protein phosphatase type 1 catalytic subunit", Genes & Development, 7:555-569, 1993			
	A17	Eichenbaum et al., "Use of Lactococcal <i>nisA</i> Promoter To Regulate Gene Expression in Gram-Positive Bacteria: Comparison of Induction Level and Promoter Strength", Applied and Environmental Microbiology, 64:2763-2769, 1998			
	A18	Endo et al., "A new protein containing an SH2 domain that inhibits JAK kinases", Nature, 387:921-924, 1997			
	A19	Field et al., "Purifications Of A RAS-Responsive Adenylyl Cyclase Complex From <i>Saccharomyces Cerevisiae</i> By Use Of An Epitope Addition Method", Mol. Cell. Biol., 8:2159-2165, 1988.			
	A20	Fink, "Where are the Limits of Life?", Book Reviews, 322:469-470, 1998			
	A21	Garvey et al., "The complete sequence of <i>Bacillus</i> phage Ø29 gene 16: a protein required for the genome encapsidation reaction", Gene, 40:311-316, 1985			
	A22	Gutierrez et al., "Signals in the Ø29 DNA-Terminal Protein Template for the Initiation of Phage Ø29 DNA Replication", Virology, 155:474-483, 1986			
	A23	Jorgensen et al., "Antimicrobial Resistance among Respiratory Isolates of <i>Haemophilus influenza</i> , <i>Moraxella catarrhalis</i> , and <i>Streptococcus pneumoniae</i> in the United States", Antimicrobial Agents and Chemotherapy, 34:2075-2080, 1990			
	A24	Kaneko et al., "Complete nucleotide sequence and molecular characterization of the temperate staphylococcal bacteriophage ΦPVL carrying Pantom-Valentine leukocidin genes", Genes 215:57-67, 1998			
	A25	Karimova et al., "A bacterial two-hybrid system based on a reconstituted signal transduction pathway", Proc. Natl. Acad. Sci., 95:5752-5756, 1998			
	A26	Katagari et al., "Multiple Possible Sites of BRCA2 Interacting With DNA Repair Protein RAD5 1", Genes, Chromosomes & Cancer, 21:217-222, 1998			
	A27	Kreiswirth et al., "The Toxic Shock Syndrome Exotoxin Structural Gene Is Not Detectably Transmitted By A Prophage", Nature, October 20-26;305(5936):709-12, 1983.			
	A28	Kodaira et al., "The <i>dnaX</i> gene Encodes the DNA Polymerase III Holoenzyme τ Subunit, the <i>dnaZ</i> Gene Product", Mol Gen Genet, 192:80-86, 1983			

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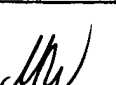
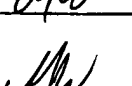
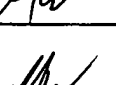
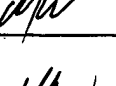
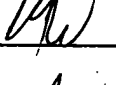


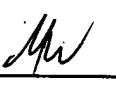


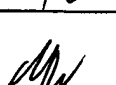
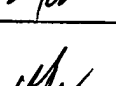
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OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)			
	A29	Lee et al., "Escherichia coli DnaX product, the τ subunit of DNA polymerase III, is a multifunctional protein with single-stranded DNA-dependent ATPase activity", Proc. Natl. Acad. Sci., 84:2713-2717, 1987	
	A30	Loessner et al., "The Two-Component Lysis System Of Staphylococcus Aureus Bacteriophage Twort: A Large TTG-Start Holin And An Associated Amidase Endolysin", FEMS Microbiol Lett., May 15;162(2):265-74, 1998.	
	A31	Maki et al., "DNA Polymerase III Holoenzyme of Escherichia coli", The Journal of Biological Chemistry, 263:6547-6554, 1988	
	A32	Mancini et al., "Complementation of the fol2 Deletion in Saccharomyces cerevisiae by Human and Escherichia coli Genes Encoding GTP Cyclohydrolase I", Biochemical and Biophysical Research Communications, 255:521-527, 1999	
	A33	Martin et al., "Analysis of the Complete Nucleotide Sequence and Functional Organization of the Genome of Streptococcus pneumoniae Bacteriophage Cp-1", Journal of Virology, 70:3678-3687, 1996	
	A34	McDonnell et al., "Diplophage": A Bacteriophage of Diplococcus pneumoniae", Virology, 63:577-582, 1975	
	A35	Nardese et al., "Disruption of the GTP-Cyclohydrolase I Gene In Saccharomyces cerevisiae", Biochemical and Biophysical Research Communications, 218:273-279, 1996	
	A36	Neu, "The Crisis in Antibiotic Resistance", Science, 257:1064-1073, 1992	
	A37	Oskouian et al., "Repression And Catabolite Repression Of The Lactose Operon Of Staphylococcus Aureus", J. Bacteriol, July, 172(7):3804-12, 1990.	
	A38	Pickett et al., "Encapsidation of Heterologous RNAs by Bacteriophage MS2 Coat Protein", Nucleic Acids Research, 21:4621-4626, 1993	
	A39	Qin et al., "A Strategy for Rapid, High-Confidence Protein Identification", Anal. Chem., 69:3995-4001, 1997	
	A40	Qiu et al., "Dimerization by Translation Initiation Factor 2 Kinase GCN2 Is Mediated by Interactions in the C-Terminal Ribosome-Binding Region and the Protein Kinase Domain", Molecular and Cellular Biology, 18:2697-2711, 1998	
	A41	Reisinger et al., "Lambda Kil-Mediated Lysis Requires the Phage Context", Virology, 193:1033-1036, 1993	
	A42	Rost et al., "Bridging The Protein Sequence-Structure Gap By Structure Predictions", Annu. Rev. Biophys., Biomol. Struct., 25:113-36, 1996	

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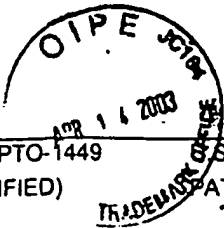
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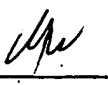






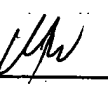
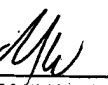
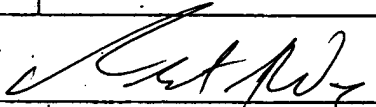
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	A43	Salamov et al., "Combining Sensitive Database Searches With Multiple Intermediates to Detect Distant Homologues", Protein Eng., 12:95-100, 1999			
	A44	Schenk et al., "Improved Method For Electroporation of Staphylococcus Aureus", FEMS Microbiology Letters, 94:133-138, 1992.			
	A45	Sheehan et al., "The lytic enzyme of the pneumococcal phage Op-1: a chimeric lysin of intergeneric origin", Molecular Microbiology, 25:717-725, 1997			
	A46	Smidt et al., "Physiologic Importance of Pyrroloquinoline Quinone", P.S.E.B.M., 197:19-26, 1991			
	A47	Söpta et al., "Isolation of Three Proteins That Bind to Mammalian RNA Polymerase II", 260:10353-10360, 1985			
	A48	Steiner et al., "The Missing Link in Phage Lysis of Gram-Positive Bacteria: Gene 14 of Bacillus subtilis Phage ϕ 29 Encodes the Functional Homolog of Lambda S Protein", Journal of Bacteriology, 175:1038-1042, 1993			
	A49	Swanstrom et al., "Agar Layer Method for Production of High Titer Phage Stocks", Proc. Soc. Exptl. Biol. & Med., 78:372-375, 1951.			
	A50	Tauriainen et al., "Recombinant Luminescent Bacterial for Measuring Bioavailable Arsenite and Antimonite", Applied and Environmental Microbiology, 63:4456-4461, 1997			
	A51	Tomasz, "Model for the Mechanism Controlling the Expression of Competent State in Pneumococcus Cultures", Journal of Bacteriology, 91:1050-1061, 1966			
	A52	Tsuchihashi et al., "Translational frameshifting generates the γ subunit of DNA polymerase III holoenzyme", Proc. Natl. Acad. Sci., 87:2516-2520, 1990			
	A53	Yoshikawa et al., "Nucleotide sequence analysis of DNA replication origins of the small Bacillus bacteriophages: evolutionary relationships", Gene, 1985			
EXAMINER		DATE CONSIDERED			
		11/24/07			
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